

Switches and Lighting Controls, Occupancy
Sensors, Adaptive Technology Dual
(Ultrasonic and PIR) Ceiling Sensors, 2000
Square Feet CoverageWithRelay

By Hubbell Wiring Device-Kellems
Catalog # [ATD2000CRP](#)

Switches and Lighting Controls, Occupancy Sensors, Adaptive
Technology Dual (Ultrasonic and PIR) Ceiling Sensors, 2000
Square Feet CoverageWithRelay

Features

- Coverage 2000 sq. ft. (360°) with photocell and isolated relay, low voltage sensor
- Minimize the risk of false triggering
- lights turning ON when the space is un-occupied. Offer the best performance for most applications
- Office White ABS enclosure blends with ceiling tile
- Relay to interface with auxiliary systems such as HVAC
- Red LED indicates passive infrared detection and Green LED indicates ultrasonic detection
- "Install and Forget" operation. Auto-adjusting adaptive technology eliminates manual adjustments

Application

Compatible with most LED and CFL

Performance

Controls - Ambient Light - 1 to 1000 foot candles, Controls - Sensitivity - Adaptive 0 to 100%, Controls - Time Delay - Test (8 seconds), adaptive 8 to 40 minutes, Electrical - Isolated Relay - Normally open and normally closed terminals available, Electrical - Power Requirements - 24V DC nominal, 33mA from Hubbell CU series control unit, Environmental - Operating Temperature - 32°F to 104°F (0°C to 40°C) with rate of change not exceeding 20°F (11°C) per hour, Environmental - Storage Temperature - -20°F to 150°F (-29°C to 65°C), 0% to 95% non-condensing relative humidity, Sensing Indicators - Passive Infrared - Red LED, Sensing Indicators - Ultrasonic - Green LED

Specifications

Environmental Conditions	Indoor Dry Unless Protected By Additional Means
EU RoHS Indicator	Yes
Industry Standard(s)	• ASHRAE 90.1 Compliant • cULus Listed To UL244A

Current

Voltage Rating Description	24V DC
Sensitivity	Adaptive 0 to 100%
Supply Voltage	24V DC From Control Unit
Voltage Rating	24 VDC



Dimensions

Height	1.5 in
Mounting Height	8-12 ft
Diameter	4.5 in

Force Related

Load Capacity	Load Is A Function Of The Control Unit
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General

Color	White
Style	Ceiling Mount
Series	Dual
Specifications	• Dimensions - 1.5"H x 4.5"D • Housing - Flame retardant UL 94 V-0 ABS • Lens - Polyethylene • Mounting Height - 8 to 12 feet
Mounting Type	Ceiling Mount
UPC	783585392400
Type	Sensors
Material - Mounting Hardware	Screw Mounting
Photocell	Yes
Item Type	Low voltage Ceiling Sensors
Material	ABS (Acrylonitrile butane styrene - Thermoplastic polymer)

Logistics

Pallet Quantity	840
Carton Quantity	10

Operational

Operating Cycles	6,000 Cycles Minimum
Operating Temperature	32 Deg F to 104 Deg F (0 Deg C to 40 Deg C)
Indicator(s) Type	PIR= Red LED, Ultrasonic= Green LED
Humidity	0% to 95% non-condensing relative humidity
Storage Temperature Range	-20°F to 150°F (-29°C to 65°C)

Product Assets

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